

ABSTRACT

Grout nozzle for a grout extruder

5 The present disclosure is directed to a grout nozzle for a grout extruder of an autonomous
grouting robotic apparatus. The grouting nozzle has a coupling member for coupling to a
grout extruder and an opening for receiving grout from the grout extruder. The grouting
member comprises a grout surface, containment means for containing the flow of the grout
on the grout surface, at least one outlet for egress of the extruded grout, at least one scraper
for pushing grout into the gaps in the application zone. The at least one scraper is axially
10 aligned to the at least one outlet along a grouting direction wherein the at least one outlet
precedes the at least one scraper in the grouting direction.

(Fig. 1)